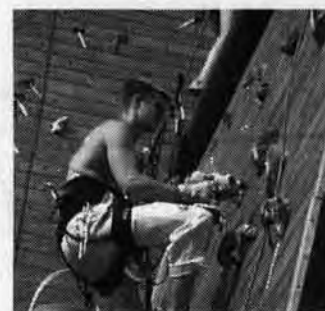


UPUB U26 001 Outlook

Taking the
University
to New
Heights

Page 6



THE UNIVERSITY OF MARYLAND FACULTY AND STAFF WEEKLY NEWSPAPER Volume 16 • Number 3 • September 11, 2001

University Advances in Undergraduate Rankings

The U.S. News & World Report rankings of America's top undergraduate colleges and universities released last week shows the University of Maryland and several of its programs continuing to gain ground in reputation and stature, while others hold nearly steady.

Among national public universities, Maryland was ranked 21st in a tie with Ohio State and Purdue University, up from 24th last year. The Robert H. Smith School of Business moved up from 21st to 16th overall, tied with six other institutions. Also, two business specializations were ranked in the top five, with one other in the top 10 and three oth-

ers in the top 20.

"While we are pleased to see movement in the rankings that recognizes improvements in many of our programs, we have to remember that this is not the only way to measure the tremendous quality that exists at the University of Maryland," said President Dan Mote. "In many ways, we have already surpassed some of the institutions ranked above us and we will continue our efforts to make Maryland one of the best public research universities in the nation."

Smith School Dean Howard Frank said this increased recognition is beginning to reflect the true quality of the faculty, students and programs of

See **RANKINGS**, page 7

University Golf Course Goes Another Step for the Environment



PHOTO BY CYNTHIA MITCHEL

The flowers in the M were planted to attract butterflies and bees to the course.

It's a beautiful day on the course. Butterflies flit among flowers. Birds dip and disappear into a marshy area just near No. 10 green. A harmless black snake, undeterred by the golf cart headed his way, slithers toward tall grass. Golfers continue their games without giving pause to their animal companions.

This is the way it is sup-

posed to be, and if Director and Lead Pro Jeff Maynor and his grounds crew at the University Golf Course have anything to do with it, this is the way it will stay. Maynor, Grounds Supervisor Bryan McFerren and the crew recently received certification in environmental planning from the Audubon Coopera-

See **GOLF COURSE**, page 4

New Library Shines Light on Performing Arts

The campus spotlight will be on the new Performing Arts Library (PAL) on Saturday, Sept. 22, as the grand facility, which serves as the central location for library holdings in music, theatre and dance, is officially dedicated.

Participants in the dedication, set for 5 p.m., will include University President Dan Mote, Dean of Libraries Charles Lowry and PAL Head Bruce Wilson. The day's events, sponsored by Friends of the Libraries of the University of Maryland, are free and open to the public.

A special highlight of the program will be the naming of the "Irving and Margery Morgan Lowens Reading Room" in honor of Irving and Margery Morgan Lowens. The naming gift is made possible by Margery Morgan Lowens.

The late Irving Lowens and his wife are among the longtime supporters and benefactors of PAL. He was one of this nation's foremost scholars on early American music, serving as music critic for the Washington Evening Star, dean of the Peabody Conservatory of Music in Baltimore and as president of the Sonneck Society for American Music, the founding of which he initiated in 1974. The Irving and Margery Lowens Collection, given to the university in 1986, contains correspondence, article and clipping files, subject files and research notes for Mr. Lowens's various publications.

Margery Morgan Lowens is a musicologist and noted authority on the music of Edward Mac-

Dowell, an important 19th-century American composer.

The dedication festivities will also include a piano recital by Donald Manildi, curator of the International Piano Archives at Maryland (IPAM), who will play a group of pieces by Leopold Godowsky (1870-1938), an eminent pianist and composer whose materials are housed in IPAM. The dedication program as well as Manildi's performance will take place in the Joseph & Alma Gildenhorn Recital Hall.

The Performing Arts Library's



PHOTOS BY GEORGE SINGLETON

The Performing Arts Library, which has been in use by patrons for the past year, will finally have a dedication service.



circulating, reference, serial and special collections combine to make it one of the country's largest university libraries of its kind. Opened in 2000 as part of the Clarice Smith Performing Arts Center, PAL's public spaces include a spacious main reading room, a separate room for special collections, a seminar room and a group study room. An exhibition gallery with an adjacent lecture/concert room links PAL to the Grand Pavilion of the Performing Arts Center and the exciting program of events occurring there.

Light refreshments will be served during the open house and nearby free parking will be available.

Looking at Children's Health Through a Different Lens

Conference to Explore Environmental Factors of Disease

The University of Maryland and the U.S. Environmental Protection Agency will host a groundbreaking conference to examine new ways to assess children's risk for disease and susceptibility to environmental toxins.

The conference, "Biological Variability in Children and Implications for Environmental Risk Assessment: New Perspectives on the Roles of Ethnicity, Race and Gender," will be held Sept. 16-19 at the Inn and Conference Center.

"It will bring together human biologists, anthropological geneticists and environmental risk assessors to find a new model for looking at the Ameri-

can population and assessing their susceptibility to risk," says Fatimah Jackson, professor of biological anthropology in the College of Behavioral and Social Sciences.

Jackson is a conference director and a pioneer in developing new methods for evaluating populations for risk. J. Scott Angle, associate dean for research in the College of Agriculture and Natural Resources, is also a conference director.

"We are still working with 19th century ideas of variability for who is at risk," says Jackson. "We're at the point of being convinced that the old paradigm needs to be reconstructed."

Jackson calls the old method of examining human diversity simplistic. "We've broken groups into African, European or Asian without identifying who they are in a biocultural sense. But you have to look at so much more to get an accurate picture: where their ancestors came from, where they live now, their food, diseases, organization of the household. We need to look at subsets of populations, not just identify them as distinct racial categories."

Jackson is hoping the conference will explore options to the traditional approach and propose alternatives more consis-

See **CONFERENCE**, page 4

dateline maryland

TUESDAY

september 11

11 a.m.-4 p.m., Stories, Spirits, Souls: Selections from The Art Gallery's Permanent Collection Art Gallery, Art-Sociology Building. See For Your Interest (p. 8) for details.

4-6 p.m., Beginning Camera Art and Learning Center, 0232 Stamp Student Union (through Oct. 30). Learn to use the darkroom and print your own film. Designed to provide instruction on the use of a 35mm, single lens reflex camera. Camera features, film characteristics, composition, theme development, lighting, special effects and digital imaging will be introduced. Weekly projects and evaluations will help students refine techniques and equipment (students should be experienced in beginning camera). Any re-loadable 35 mm camera may be used. A materials list will be distributed in class (supplies will cost between \$25-50). Bring your camera to the first class. There are two sections, both on Tuesdays. One runs from 4-6 p.m. and the other from 6:15-8:15 p.m. Cost: \$120 for students or \$130 for faculty/staff. For more information contact Alicia Simon at 4-8492 or asimon@union.umd.edu.

6-7:30 p.m., Navigating WebCT 4404 Computer & Space Science. For students enrolled in courses at the University of Maryland that have integrated WebCT into the class environment. Students will learn to navigate course content, participate in bulletin boards and chat rooms, and develop presentation materials in group project space. Prerequisite: a WAM account. For more information, contact Carol Warrington at 5-2938 or cwpost@umd5.umd.edu. Register online at www.oit.umd.edu/pt.

6-10 p.m., Ballroom Dance Class 2111 Stamp Student Union. Sponsored by Art & Learning Center. For more information, contact Alicia Simon at 4-8492.

WEDNESDAY

september 12

10 a.m.-4 p.m., First Look Fair McKeldin Mall. First of

two days. Thirty to 40 volunteer and community service organizations in the College Park-Washington, D.C. area will assemble on campus to provide information about fighting hunger and homelessness, tutoring children in the area, improving the environment, serving special communities and more. A list of agencies that will be present can be obtained by calling 4-CARE. For more information, contact Meg Cooperman at 5-0741.

WEB DESIGNER AND DEVELOPER PROGRAM

Registration has begun for the fall Web Designer and Developer Program offered by the Office of Information Technology. The program provides skills training and mentored workshops in the design, development and maintenance of web sites to faculty, staff and students. Participants can be sponsored by their department or program or they can sponsor themselves.

The program will be held in 4404 Computer & Space Science, Tuesdays and Thursdays from 9 a.m.-4 p.m., beginning Oct. 16 and running through Nov. 8.

The course fee for faculty/staff is \$295; for students, \$200; for USM affiliates, \$375. For more information, contact Deborah Mateik at (301) 405-2945, dm16@umail.umd.edu, or visit www.oit.umd.edu/WebDeveloper.

12-1 p.m., Research and Development Presentation: Living and Learning Programs at the University of Maryland 0114 Counseling Center, Shoemaker Building. with Jean Steffes, director, Beyond the Classroom Living and Learning Program. For more information, contact Vivian Boyd, Counseling Center director, at 4-7675.

7-9 p.m., AIDS Lecture: Rae Lou Thorton 0130 Tydings. At 23, Rae Thorton discovered she was HIV positive. She speaks on how she lives with it and how we are all affected by AIDS. Sponsored by Delta

Sigma Theta. For more information, contact Gida DeToro, president of the Kappa Phi Chapter of Delta Sigma Theta Sorority Inc., at deltoro@wam.umd.edu or 4-3974.

7-9 p.m. Meet Coach Gary Williams Sheraton Premiere at Tysons Corner, 8661 Leesburg Pike, Vienna, Va. Join the Maryland Alumni Association's Northern Virginia Alumni Club to meet Gary Williams '68. The reception will feature heavy hors d'oeuvres and a cash bar. Each attendee will receive a free gift from the association. Cost: \$10 Alumni Association members, \$15 non-members. To charge by phone or for more information, contact Robin Chiddo at 5-4678, (800) 336.8627 or rchiddo@accmail.umd.edu.

THURSDAY

september 13

9 a.m.-12 p.m., UM Business Skills Workshop: Processing Payroll for Nonresident Aliens 1101U Chesapeake. Topics of discussion include nonresident alien (NRA) employees, NRA fellows, NRA independent contractors, permanent residents, how to pay honoraria to NRAs and documents needed to process payments. For more information, contact the Organizational Training & Development Office at 5-5651 or visit www.personnel.umd.edu.

10 a.m.-2 p.m., First Look Fair McKeldin Mall. Second of two days. See Sept. 12 for details.

11:30 a.m., Art Department Lecture: Stephen Ellis West Gallery, Art-Sociology Building. Ellis is an internationally recognized abstract painter and critic whose works have been shown in the major galleries of New York, Berlin and Munich. His painting have been included in numerous international surveys of abstract painting. For more information, contact Claudia McMonte at McMonte2@aol.com.

4:15-5:30 p.m., Talk About Teaching: The Greeks 0135 Taliaferro Hall. With Lillian Doherty, Department of Classics.

5-8:30 p.m. Guitar Classes 2146 Stamp Student Union.

Sponsored by the Art & Learning Center. For more information, contact Alicia Simon at 4-8492.

FRIDAY

september 14

10 a.m.-11 p.m. Hispanic Heritage Festival Hornbake Mall. Held by the Hispanic Heritage Coalition. For more information, contact Gerardo Najera at (301) 864-5144.

SUNDAY

september 16

12-1 p.m., Biological Variability in Children and Implications for Environmental Risk Assessment First day of four-day conference. See For Your Interest (p. 8) for details.

4:30-7:30 p.m., Intermediate MatLab 4404 Computer & Space Science. This class continues covering critically important skills in solving matrix and vector operations, multiple integrals, differential equations, 2-D and 3-D plots in parametric, polar, spherical, cylindrical, implicit, contour, and mesh views and much more. Prerequisite: Introduction to MatLab and a WAM account. Course fee: student/GA \$10; faculty/staff \$20; alumni \$25. Register online or pay at the door. For more information, contact Carol Warrington at 5-2938 or cwpost@umd5.umd.edu, or visit www.oit.umd.edu/pt.

MONDAY

september 17

6-9 p.m., Unix: Your WAM Account is More than Just Email 4404 Computer & Space Science. See For Your Interest (p. 8) for details.

6:30-7 p.m., Terrapin Trail Club Meeting Outdoor Recreation Center, Campus Recreation Center. See For Your Interest (p. 8) for details.

WEDNESDAY

september 19

8:30 a.m., Interphase2001: Numerical Methods for Free Boundary Problems Mathematics Building. First day of a three-day conference sponsored by the Department of Mathematics, the Institute for Physical Sciences and Technology, the Center for Scientific Computation and Mathematical Modeling, the Institute for Mathematics and its Applications and the NSF. For more information, visit www.math.umd.edu/research/interphase/.

9:30-11 a.m., Environmental Safety Training 4103 Chesapeake Building.

Monthly laboratory safety training required for all new laboratory personnel who work in laboratory settings and with hazardous materials. To register, contact Jeanette Cartron at 5-2131 or jcartron@accmail.umd.edu.

6-9 p.m. Microsoft Excel I: Creating and Using Spreadsheets 4404 Computer & Space Science. This class introduces spreadsheet basics such as how to enter values and text, create formulas, understand cell addressing in absolute and relative modes, use pre-built functions, link between data, auto save work, customize a print job, and more. Prerequisite: Windows 98 or equivalent. Students/GAs/Golden ID \$10, faculty/staff \$20 and alumni \$25. Register online or pay at the door. For more information, contact Carol Warrington at 5-2938 or cwpost@umd5.umd.edu, or online www.oit.umd.edu/pt.

THURSDAY

september 20

2:30-4 p.m., New Faculty Workshop Maryland Room, Marie Mount Hall. The Center for Teaching Excellence kicks off its Fall 2001 Workshop Series. All teachers and others interested in ideas and issues related to teaching and learning are invited. Light refreshments will be served. For more information and to RSVP, please visit www.umd.edu/cte or contact Mary Wesley at the Center for Teaching Excellence, 5-9356 or cte@umail.umd.edu.

Outlook is the weekly faculty-staff newspaper serving the University of Maryland campus community.

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calendar guide

Calendar phone numbers listed as 4-xxxx or 5-xxxx stand for the prefix 314 or 405. Calendar information for *Outlook* is compiled from a combination of inforM's master calendar and submissions to the *Outlook* office. Submissions are due two weeks prior to the date of publication. To reach the calendar editor, call 405-7615 or e-mail to outlook@accmail.umd.edu. *Events are free and open to the public unless noted by an asterisk (*).

Stages

NEWS FROM THE CLARICE SMITH

PERFORMING ARTS CENTER

TAKE FIVE: A WORKSHOP WITH THE MASTER OF SALSA

Learn about salsa by the musician who practically invented it. Larry Harlow, a member of the Latin Legends band, is himself a legend.

Take

As an old pro of Latin rhythms, Harlow was raised in Brooklyn as a student of jazz and classical music. He discovered Afro-Cuban rhythms on trips to Havana in the 1950s. By 1960 he had helped to create the internationally famous Fania All-Stars.

Being the recipient of six gold records and many Record World and Billboard Awards, Harlow is an expert in salsa music. He has produced 30 solo albums and more than 160 recordings for other artists. Harlow hopes to bring back the high quality Latin music of the '60s by spreading his great jazzy dance music and taking Latin music back to the roots of jazz, conga and swing.



On Tuesday, Sept. 25 at 5:30 p.m., the first "Take Five" of the semester will present a free talk, demonstration and Q & A with Harlow in the intimate Gildenhorn Recital Hall. "Take Five" on Tuesdays is a free series sponsored by the center to offer the community a chance to relax

while enjoying the arts. "Take Five" will be held on select Tuesdays from 5:30-7 p.m. Events are designed to provide a glimpse into the creative process in the arts and humanities.

Following "Take Five" join Harlow and The Latin Legends Band, featuring Yomo Toro, for an evening of Latin rhythms and salsa music at 8 p.m. Opening for the group will be Coco Merenson, from the Dominican Republic. For tickets to the performance, please contact the ticket office at (301) 405-ARTS.

The Clarice Smith Performing Arts Center is a 17-acre, 318,000-square-foot performing arts center located on the campus of the University of Maryland.

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For ticket information or to request a season brochure, contact the Ticket Office at 301.405.ARTS or visit www.claricesmithcenter.umd.edu.

CLARICE SMITH
PERFORMING ARTS
CENTER AT MARYLAND

Meet the Architect

Learn about the design and architecture of the new Clarice Smith Performing Arts Center from the man behind it all. Buzz Yudell, of California-based Moore Ruble Yudell, will celebrate the official dedication of the center with a free lecture and Q & A on Friday, Sept. 28 from 5:30-6:30 p.m. in the Gildenhorn Recital Hall. Moore Ruble Yudell was selected for the project in 1994 from five internationally-acclaimed architectural firms.

Faculty and Staff Night at the Center



Linda Tillery and the Cultural Heritage Choir are one of two performances scheduled for faculty and staff night Sept. 28.

To celebrate the official dedication of the Clarice Smith Performing Arts Center, President Dan Mote invites university faculty and staff to attend a special event exclusively for them.

On Sept. 28 beginning at 6:30 p.m., there will be a special reception in the Grand Pavilion and a tour of the building. At 8 p.m., attend a performance of either Beethoven's Ninth

Symphony or Linda Tillery and the Cultural Heritage Choir. Beethoven's towering work unites the University of Maryland Symphony Orchestra and Choirs for their first collaboration in the new Concert Hall and will be conducted by new Director of Orchestral Activities James Ross. Linda Tillery and the Cultural Heritage Choir is one of the most vital performing groups in its field, bringing traditional forms of

African American culture to the stage.

Complimentary tickets are limited to two per person and are available on a first-come basis. For tickets to either concert, visit the Clarice Smith Performing Arts Center Ticket Office from 11 a.m.-9 p.m. Monday-Saturday or 11 a.m.-5 p.m. Sunday; or make reservations by e-mail to jlegarre@wam.umd.edu by Sept. 20.



Two students work on the library scene for the upcoming collaborative performance of "The Music Man." The musical will open on Oct. 19 in the Ina and Jack Kay Theatre. Ninety percent of the construction work is being done by students.

Army Ambassadors Bring Musical Americana

Free Performance by the Critically-Acclaimed Musical Ambassadors of the Army

The United States Army Field Band, the premier touring musical representative for the U.S. Army, will perform on Friday, Sept. 21, at 8 p.m. in the Concert Hall of the Clarice Smith Performing Arts Center.

The program for the evening will feature Colonel Finley R. Hamilton as conductor. The Field Band will perform their much anticipated summer concert style of Americana, designed to appeal to all audiences, offering classical, semi-classical and popular selections, choral arrangements, novelty numbers and military marches.

Golf Course: Going Green All the Way

Continued from page 1



PHOTOS BY CYNTHIA MITCHEL



Various areas of the university golf course reflect the staff's commitment to the environment. At top, golfers tee off amidst trees and ponds. Above, a heron enjoys a perch on a tranquil pond. Above right and right, examples of the facility's native plant life thrive.



tive Sanctuary System, a program administered by Audubon International. Though Maynor says the course has always tried to preserve as much of the native flora and fauna as possible, completing this phase of the certification process showed them ways to make the facility even more environmentally friendly.

"We didn't have an erosion program. We didn't have different kinds of bird houses," he explains. Marlin, for example, are communal birds who don't mind being housed around human traffic. Bluebirds prefer to be in single-bird family houses and away from golfers.

"We had to identify all of the wildlife species that live here," says Maynor. Red fox, hawks, deer, squirrels and rabbits are among some of the animals that call the course home.

"The program has six phases," says McFerren. "We've completed the first phase, creating an environmental plan. The next phase is wildlife and habitat management. The others are chemical use reduction and safety, water conservation, water quality management and

outreach and education." The phases can be completed concurrently and the course's master plan already includes several elements of future phases. "We're planning on creating a nature trail around the golf course for the outreach and education part," says McFerren. "Then have a day dedicated for the public to bring your kids out."

A 20-page questionnaire asked McFerren's staff about chemical storage, water quality, trails and a host of other areas. In response to some of Audubon's concerns about water quality, aeration systems were put into all ponds.

"The scum that develops on the surface reduces oxygen for the fish," says Maynor. "We also put grass around the banks to decrease erosion."

They have even created no-tread zones. A large wildflower

patch sitting in front of the course is also a nesting area for deer. "If you hit your ball in there, it's just lost. You can't go in there and get it," says Maynor.

He adds that the course involves students in all of its grounds work, which included planting nearly 50 trees in the last year.

Maynor and McFerren were already committed to making the 42-year-old championship course an environmentally responsible showcase. For example, they replaced gas golf carts with electric carts even before the Audubon recommendations. The recent certification, Maynor says, just takes their commitment even further.

"We're a lot more conscious about what we put out here and what we cut down," he says. "We have to get the golf course to work utilizing the area we have."

Conference: Genetics, Geography Factor Into Health Risks

Continued from page 1

tent with the newest scientific data on biological variability and risk assessment.

A driving force in the move to change risk assessment methods is the information that has emerged from the mapping of the human genome. "The human genome project has shown us that all humans are tremendously similar and that differences are mainly the result of gene-environment interactions," says Jackson. "We're all made up of sequences of genes that combine to make us more or less susceptible to specific disease or the effects of exposure to particular toxicants."

A graphic example of how genetic background and geography can play into risk for disease emerged from research by Charles Christian, of the university's geography department. In his mapping of incidence of alcohol-related deaths among about 30 tribes of Native Americans in Oklahoma, he found extreme differences between the groups in the western and eastern parts of the state. A quarter of all deaths among western tribes were alcohol-related. Among eastern tribes, alcohol-related deaths accounted for only five per cent of mortality.

"The difference appears to be directly related to historical relationships that existed long ago," says Christian. "The tribes in the western part of Oklahoma were treated considerably more harshly and efforts were made to completely destroy their culture."

"Eastern tribes, such as the Cherokee, on the other hand, were peacefully moved and assured of having a relatively decent home in the Oklahoma Territory. Had we just taken a random sampling of all Native Americans in Oklahoma," says Christian, "We would have come up with a much different and inaccurate picture."

At the university, Jackson heads the Genomic Models Research group, a group composed of faculty and students

that meets weekly to work on models of bioanthropological variation. Their aim is to develop anthropologically sophisticated models to understand the interaction of human molecular genetic diversity and the environment.

Jackson hopes the conference results will suggest improved disease detection and health care delivery. "If we're able to see how toxicants affect different genetic groups, we can do a better job

The following workshops are open to Maryland students, faculty and staff at no charge. They will be held on Sept. 16.

- Bioethics and Human Variability, 12:30-2 pm—Dr. Robert Murray, Howard University, Fellow of the Institute of Medicine

- DNA Sequencing and Genetic Profiling, 12:30-2 pm—Dr. Klaus Lindpaintner, Molecular Geneticist and VP for Research, Roche Laboratories, Switzerland

- Environmental Risk and Exposure, 2:30-4:30 pm.—Dr. Gary Kimmel, US Environmental Protection Agency

- Geographical Information Systems, 5- 6:30 p.m.—Dr. Stephen Prince, University of Maryland Department of Geography

- Social Construction of Ethnicity, Race and Gender, 5-6:30 p.m.—Dr. Bonnie Dill, University of Maryland Department of Women's Studies, director of the Consortium on Race, Gender and Ethnicity

of prevention and treatment."

The conference will be one of the first opportunities for scientists working in ethnic biodiversity and risk assessment to collaborate. Speakers will include Kenneth Olden, director of the Environmental Genome Project and the National Institute for Environmental Health Sciences. University of Maryland students, faculty and staff are invited to attend a series of free conference workshops Sunday afternoon, Sept. 16. Seating is limited to 20 per workshop, on a first-come-first-served basis. Registration is recommended. To register and for more information, visit www.epaumdconf.umd.edu.

School of Architecture Steps Up Recruitment Effort

To help attract the best students nationwide, the university has hired Lee Waldrep as assistant director of the School of Architecture. Waldrep will focus on student recruitment and advise students on career and academic development.

"When people talk about the top schools of architecture, our name doesn't roll off the tongue," Waldrep said. "But our academic program provides an outstanding, top-ranked education. It's a matter of getting that word out."

In addition to his background in architecture, Waldrep holds a doctorate in counseling and development. Last October he created ARCHCareers, a Web site that offers information and advice for people interested in the field. Since then, the site (www.archcareers.net) has received more than 70,000 hits.

Waldrep comes to the university from the Illinois Institute of Technology where he served as the assistant dean in the College of Architecture for six years.



PHOTO BY JOHN T. CONSOLI



Notable

The College of Agriculture and Natural Resources had two Extension faculty take top honors at the 86th Annual National Association of County Agricultural Agents (NACAA) meeting held in Albuquerque, New Mexico. **Donald Schwartz Jr.** (Washington County) received a Distinguished Service Award for his work testing grass varieties to improve livestock systems in the mid-Atlantic. **David Myers** (Anne Arundel County) won the Achievement Award for developing and teaching an introduction to farming course, and acquiring a grant to study grapes as an alternative crop.

Lindley Darden, professor of philosophy, became president of the International Society for History, Philosophy, and Social Studies of Biology. During her two year term, she will guide plans for the society's meeting in Vienna, Austria in July 2003.

Lawrence Moss, with the School of Music, has been chosen as an American Society of Composers, Authors & Publishers ASCAP/US Standard award recipient. The cash award reflects the society's continuing commitment to encourage writers of serious music. An independent panel reviews each writer's catalog of original compositions and recent performances of works not surveyed by the society.

The National Science Foundation's Program for Gender Equity (PGE) in Science, Mathematics, Engineering and Technology (SMET) awarded the Clark School of Engineering \$900,000 over the next three years to fund a program named RISE, Research Internships in Science and Engineering. Collaborative funding from the College of Engineering will bring the total resources of the RISE Program to \$1,000,000.

Written by **Linda Schmidt, Janet Schmidt and Anne Spence**, the program is designed to encourage the participation and persistence of women students in engineering and the sciences. The first RISE student class will arrive on campus in summer 2002.

At the core of RISE is support for female faculty mentors as they lead teams of women students in high-quality research across the breadth of science and engineering fields studied at the University of Maryland. The research teams will be trained in SMET research fundamentals, mentoring partnerships, team functioning and psychological constructs key to enhancing the successful learning of women students. The college hopes that the program will be the foundation for increased recruitment and retention of female students at both the undergraduate and graduate levels in engineering.

Taking the University to the World on the Web

This is the first in an occasional series that spotlights interesting Web sites that are connected to the university and provide a resource that is utilized by a larger audience.

Name: Home and Garden Information Center (HGIC);
www.agnr.umd.edu/users/hgic/

University affiliation: Maryland Cooperative Extension, College of Agriculture and Natural Resources



Creator/editor: Mary Kay Malinoski, entomologist

History/development: The site first appeared in 1995 and was revamped in 1999. HGIC was publishing several newsletters and other publications with diagnostic information and gardening tips. They wanted to go deeper than just listing symptoms by providing color photos of what the actual symptoms looked like. For cost reasons, they

moved to the Web.

Features: The site offers tips on gardening; gives alerts on weeds, pests and diseases; contains links to HGIC publications and FAQ sheets on gardening; has color photos and extensive diagnostic information. There is also a list of other sites that could be helpful resources and testing for master gardeners.

Awards: Lightspan Award March 2001,

for educational site of the year

Audience: People who have questions about all facets of gardening.

What makes it special: The diagnostics page is one of a kind. It is thorough and user friendly. Although it is still being updated, it is expected to be complete in about a year. This page offers diagnostic information on all types of fruits, vegetables, trees, grass and more. There are color photos and comprehensive texts so that someone who doesn't know what's wrong can figure it out. "We have the idea that people are coming in not knowing what their problem is," Malinoski said. "It helps us teach people what's wrong. They're learning what to look for and what to do."

A feature launched last spring takes e-mail questions from users. In addition to calling the hotline, users can e-mail inquiries, and even attach photos, so that HGIC can better help them with their problems. HGIC has received e-mails from all over the country and even overseas.

Malinoski gets help from HGIC staff members David Clement and Jon Traunfeld.

Climbing Center Offers a Heady Challenge

Pearing down from my 55-foot perch, I felt such a rush. My hands were a bit shaky and I was not too sure of the descent, but it didn't matter. I had just climbed my first wall.

I accomplished my victory on campus at the Outdoor Recreation Center's (ORC) Terrapin Climbing Center (TCC). Sitting on the back side of the Campus Recreation Center, TCC offers CRC members a wall with several climbing surfaces of varying difficulty. There is also a bouldering grotto (a small, wood, cave-like structure covered with stone hand and foot holds) that visitors can use to try out new climbing techniques or warm up, and an extensive team adventure challenge course.

My ascent began, as all climbs do, with a visit to the ORC's front desk. Before anyone scales any wall, they must first sign a waiver and check out a harness and helmet, perhaps even climbing shoes. Climbers may bring their own equipment, but ORC strongly recommends that participants rent one of their 30 harnesses, helmets or other pieces of equipment. They cannot guarantee the safety of gear not maintained by ORC. Once desk staff is sure you've gone through these steps, a black OK is stamped onto your left hand. Then it's outside to the wall.

Now, I am not going to claim that scaling a wall rising more than 50 feet into the air didn't give me pause, but what's life without a bit of challenge? Anyhow, Jacob Sciammas, the new

adventure challenge coordinator, needed a bit of help getting faculty and staff out to TCC. It's not just for the students, he says, and it's for every skill level. So I considered it my editorial and campus community duty to tackle the wall.

for certification. Those with prior experience may take the test and be classified as either probationary or certified. Probationary climbers will need a certified backup belayer until they pass the test. More on belayers below.



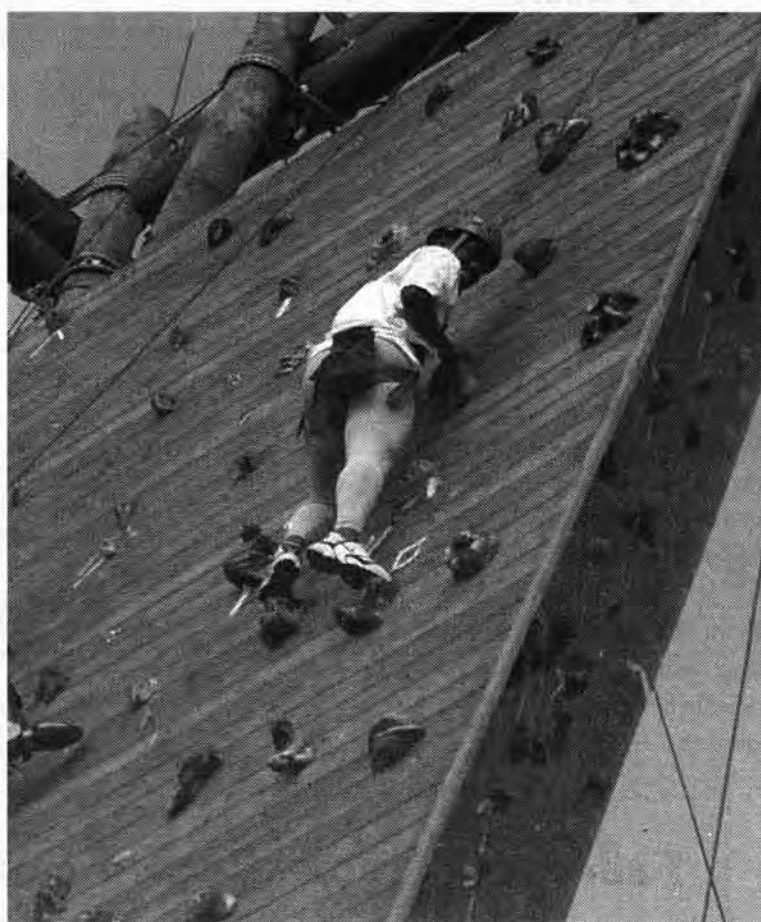
Clockwise from above: Jacob Sciammas, adventure challenge coordinator, demonstrates climbing technique in the bouldering grotto. A few feet from the top, the author decides it's safe to look down. Scott James, a philosophy teaching assistant, is one of TCC's expert climbers and a climb designer. Here, he does some maintenance work on a wall.

The squeamish or those who need a refresher course may want to take one of TCC's Climb Safe Clinics. Held every evening except Tuesday, the two-hour course explains every aspect of climbing the wall. Participants, who must register in advance and pay a \$15 fee, learn terminology and technique. Prospective climbers take a practice skills test, but will need to come back and take the test again

There is also a free First-time Climbers Night every Tuesday where Sciammas' supportive and patient student staff assists new climbers.

One of these helpful souls, Jillian McBride, was my belayer. A belayer is responsible for keeping you from an unfortunate meeting with the ground through strong rope and simple technology. One end of the rope is threaded through a belay device and a carabiner, a metal tool that helps regulate the tension on the rope. The rope then goes up the wall, back down and the other end is attached to you through the harness. Belayers at TCC anchor themselves to boulders and logs on the ground. When I ask Sciammas if it mattered that the belayer may not weigh much more than the climber, he assures me of the beauty of the belaying system—it doesn't matter how big, small or strong you are. The device creates up to three bends in the rope that hold the weight using only friction.

Once I mounted the first set of holds and felt McBride's gentle tension keeping my derrière above my ankles, I see he's right. It can become a comfortable experience if, as McBride says, you trust yourself and the belayer. By the time I'm clearing the halfway mark, I'm feeling a bit cocky and look down to Sciammas and McBride. Whew, they look tiny. I reach the top, appreciate the view and give the com-



PHOTOS BY CYNTHIA MITCHEL



mand, "Lower me." I bring my legs parallel to the ground, let go of the wall and walk down holding onto the rope, while McBride releases just enough tension to keep me from plummeting.

My feet back on horizontal ground, I feel compelled to do a more difficult climb. This is a compulsion that will surely lead to more time at TCC. I hope to see many of you up there with me.

—MONETTE AUSTIN BAILEY,
EDITOR, OUTLOOK

Get on the Bus! (Well, the Van)

Campus Parking has some openings in their two pilot van pools from Bowie Crossing (Northview Dr. and Collington Road near rte. 197) and Scaggsville Rt. 216. Each van will pick up at each park and ride at 7:15 a.m. and offer direct delivery of riders to three locations on campus around 8 a.m. Each van will leave campus at 4:45 p.m.

Full-time participants in these vans do not pay parking fees when enrolled in the program. Van pools are expected to start in mid- to late September. If you are interested in participating in either of these pools please call Ray Stoner at (301) 314-7203 or rstoner@accmail.umd.edu, or Chris Leween at (301) 405-0545 or log on to www.info.umd.edu/dcp and click on the PAR V logo and fill out the online application.

For more information on the climbing wall or the team adventure challenge course, call Sciammas at (301) 226-4456. Groups may reserve the Climbing Center by calling also. For equipment rental rates, call (301) 226-4453.

Rankings: Deans Pleased With Positions

Continued from page 1

the business school. "All of us at the Smith School are committed to building our undergraduate program into one of the greatest programs in the world," he said.

In the business specialties, programs in e-commerce and supply chain management were both ranked fourth best in the country. Others in the top 20 were management information systems, 10th; entrepreneurship, 11th; general management, 14th; and production operations, 16th.

The A. James Clark School

of Engineering slipped from 22nd to 26th among universities that offer doctorate degrees. Its program in aerospace engineering was ranked 13th.

Engineering Dean Nariman Farvardin observed that his school has hovered in the mid-20s for the past three years. "This is a very respectable position, considering the company of high quality institutions we are in," he said. "We are determined to continue to work hard toward achieving higher lev-

els of excellence, and I am sure with time the opinion rankings will become a true reflection of our progress and accomplishments."

Over the past 10 years, the university has steadily improved in the level and number of programs included in this national ranking. In 1991 only five Maryland programs were recognized by the U.S. News ranking. With this latest report, 61 programs are cited across the undergraduate and graduate listings.



Verbatim

"Finally, the president and his team are gaining know-how, seen in Bush's increasingly skillful negotiations with lawmakers on Capitol Hill. That has changed the power equation," says Martha Joynt Kumar, a University of Maryland political scientist. "If members of Congress see the president as a competent dealmaker, why would they go to No. 2 when they can go to No. 1?" —*Visiting Academy of Leadership scholar Kumar reflects on an emerging George Bush at the White House. (Christian Science Monitor, Sept. 6)*

At the University of Maryland's Smith School, applications remained steady, at about 2,000. But the number of students intending to show up on campus is up. The school has space for 225 new students, but 246 indicated they will attend this fall. "If they don't show up for orientation," says Howard Frank, the dean, "we'll throw them out." —*Frank shares a problem with the rest of campus. (Washington Techway, Sept. 3)*

"The University of Maryland is the only East Coast public university with top departments in all three areas of computer science, physics and mathematics," according to a fact sheet Halperin gives out. The case for getting the region to embrace the University of Maryland as a top research institution around which businesses can be built is getting a boost with the current construction of a new facility to house the Center for Scientific Computation and Mathematical Modeling. —*Mathematician Steve Halperin, dean of the College of Computer, Mathematical and Computer Science, points to the numbers to substantiate his claims. (Potomac Tech Journal, Sept. 3)*

"Students are going into newsrooms...their stories are going on the Web and they end up in a corner on TV because the company has a cable station," he said. "It's important that they understand and are not afraid of technology...we want to make sure all of our students have some exposure to the various media." —*Tom Kunkel, dean of the College of Journalism, does not want to send his graduates into a professional cul de sac, but rather to give training to fit the new world of journalism. (Quill, July/August 2001)*

There is also dismay about the contested 2000 presidential election, especially among Democrats. Gar Alpervitz... said: "The number of people who believe government is responsive to their needs has plummeted in the last 35 years. That is why people are not participating. There is a crisis of democracy and Florida (where the result was delayed in a dispute over counting) was a symbol of the worst of it." —*Alpervitz, a professor of government and politics, laments the lack of civic interest worsened, he thinks, by the Florida election debacle. (Financial Times, Sept. 5)*

Arnett says employers have been more than happy to accommodate youth in the past decade, lavishing them with ingratiating treatment—while they try to find "what they really want out of life"—but he says many older people are now challenging "an unhealthy way to look at work and the workplace. Saying they're not going to work long hours or bow and scrape to companies that probably aren't too concerned about them anyway, or that they're not going to be defined by their work is fine. But it's unhealthy if young adults don't define themselves by something other than just their lifestyle or the consumption of products and fun experiences." —*Visiting professor in human development Jeffrey Arnett comments on what young adults want out of the workplace, and how that might not be best. (Toronto Star, Sept. 4)*

FallFest Attracts Record Crowd



PHOTOS COURTESY OF LORI HILL

FallFest 2001, a career fair and tailgate party hosted by the University of Maryland Alumni Association, the A. James Clark School of Engineering and the Robert H. Smith School of Business, was held on Saturday before the Maryland/Eastern Michigan football game. Students and alumni had the opportunity to network with representatives of 34 major corporations in the Mid-Atlantic Region.

Above, Crayola the Clown helps a student get into the spirit of FallFest and football. At top, a representative from an area employer discusses job opportunities with students.

For Your Interest

Department of Communication Commences Centennial Colloquium Series

The first lecture in this fall's Department of Communication Centennial Colloquium Series is presented by Mitchell Stephens and is titled "A Historical Perspective on the Future of Video and the Web." Called a "visionary thinker" by the San Francisco Chronicle, Stephens is the author of five books and more than 50 articles. He is



The West Chapel's garden offers a message of peace (in eight languages, including sign) and, with its roses, magnolias and shade trees, a tranquil spot conducive to rest and reflection.

currently a professor in the Department of Journalism and Mass Communication at New York University.

Stephens' most recent book, "the rise of the image the fall of the word" (Oxford), was hailed by the Wilson Quarterly as a "fascinating, counterintuitive tour-de-force." Stephens is also the author of "A History of News," "Broadcast News" and "Writing and Reporting the News."

Along with his scholarly publications, Stephens' commentary and reporting has appeared in, the New York Times, the Washington Post, the Chicago Tribune and Newsday.

The lecture will take place on Friday, Sept. 14 from 12-1:15 p.m. (Upcoming lectures in the series take place on Sept. 28, Oct. 12 and 26, and Dec. 7.) All lectures are held in O200 Skinner. For more information about the Centennial Colloquium Series, contact Trevor Parry-Giles at tp54@umail.umd.edu or visit www.comm.umd.edu.

Learn to Swim at CRS

Campus Recreation Services' Learn to Swim Program has classes for ages 6 months to adult. Classes are offered this fall either twice a week for 4 weeks or once a week on Saturdays for 8 weeks. Each session is 30-40 minutes in length.

The fee for the program is \$50, and classes are held in the pool at the Campus Recreation Center (CRC). Register online at www.crs.umd.edu or at the

CRC. For more information, contact Laura Sutter at (301) 405-PLAY or ls220@umail.umd.edu, or visit www.crs.umd.edu.

Conference: Biological Variability in Children and Implications for Environmental Risk Assessment

A conference on Biological Variability in Children and Implications for Environmental Risk Assessment is expected to provide new perspectives on the roles of ethnicity, race and gender for environmental risk assessment. The primary objective of the conference is to survey the state of the science on intra- and inter-group variability for important risk-related parameters and to examine the implications of these differences for health risk assessment. In the process, we will develop an inventory of what is known and what is not known related to human biodiversity in children and risk assessment. Collaborations among scientists working on these issues have been rare. Thus, the goal is to create a forum whereby representatives of divergent disciplines feel comfortable addressing cross-cultural issues that, until this conference, have never been expressed in a meaningful forum.

The Conference is being held at the University Inn and Conference Center from Sept. 16-19. Pre-conference workshops are \$100 and the Opening Banquet-Surgeon General is \$40. For more information, contact Jennifer Moore at (301) 314-7884 or jmoore2@accmail.umd.edu, or visit www.pware.com.

Unix: Your WAM Account is More than Just Email

The Office of Information Technology is offering a class that introduces the Unix operating system. Several concepts such as file and directory manipulation commands, navigational skills and the Pico editor will be covered. The class will not teach programming skills and the only prerequisite is having a WAM account.

The class meets Monday, Sept. 17, from 6-9 p.m., in 4404 Computer and Space Science. The cost is \$10 for students and GAs; \$20 for faculty and staff; \$25 for alumni. For more information, contact Carol Warrington at (301) 405-2938 or cwpost@umd5.umd.edu, or visit www.oit.umd.edu/pt.

Terrapin Trail Club Meeting

The Terrapin Trail Club, a student-run organization open to all students, faculty and staff, sponsors various outdoor recreational activities such as

hiking, backpacking, camping, mountain biking, caving, rock climbing, canoeing, and kayaking. The club's primary interest is to meet other outdoor enthusiasts to share the love for the outdoors.

The club is meeting Monday, Sept. 17, from 6:30-7 p.m. at the Outdoor Recreation Center, Campus Recreation Center. For more information, contact Trail Club Officers at (301) 226-HIKE or um-trail-club-officers@egroups.com, or visit www.ttc.umd.edu.

Stories, Spirits, Souls Collection at the Art Gallery

"Stories, Spirits, Souls," an exhibit with selections from the Art Gallery's Permanent Collection, is being featured in the Art Gallery. Curated by Dorit Yaron, the exhibit includes 19th-20th-century African objects, 20th-century American art (books, paintings, photography, & prints), 17th - 20th-century European art (books & prints) and 20th-century Japanese prints, with works by Bannister, Bearden, Biddle, Black, Christie, Costigan, Crimi, Daumier, Della Bella, Edelson, Flack, Frankel, Furnival, Genoves, Gorsline, Gossage, Grooms, Hundertwasser, Katsuro, Kawada, Kawakami, Kokoschka, Leskoschek, Lidow, Lindner, Marsh, Marx, Mendez, Neel, Ovenden, Perlmutter, Proctor, Ramos, Reisman, Rivers, Rothenstein, Saito, Seymour, Shahn, Shibuya, Stephenson and Warhol.

The Art Gallery is located in the Art-Sociology building and is open from 11 a.m.-4 p.m. For more information, contact the Art Gallery at (301) 405-2763 or artgal@umail.umd.edu, or visit www.inform.umd.edu/ArtGal.

Group Fitness Instructor Training

Learn the necessary skills for teaching safe and effective group exercise classes. This CRS instructor training course will cover both theoretical and practical teaching skills, such as anatomy, kinesiology, exercise physiology, resistance training, stretching, cueing techniques, and creating choreography needed to successfully teach a variety of class formats. No previous experience or certifications required.

The course begins Monday, Sept. 17 and is held from 3-5 p.m. in the Aerobics Room in the Campus Recreation Center. The fee is \$150. Register online at www.crs.umd.edu via credit card or at the Member Services Desk in the CRC. For more information, call (301) 405-PLAY, or contact Sharon Adams at (301) 226-4418 or visit www.crs.umd.edu.

Member Services Desk in the CRC. For more information, contact Laura Sutter at (301) 405-PLAY (7529) or www.crs.umd.edu.

Scuba Diving Course

Learn the basics of scuba diving and receive basic scuba certification. Campus Recreation Services offers this course to include 30 hours of classroom and pool work, followed by 5 open water dives. A NAUI certification will be awarded to those who attend all classes and pass the skills tests and written exam. Participants must be at least 12 years old and pass a swimming proficiency test. Additional fees charged for certification dives.

The course meets Tuesdays from Sept. 18-Nov. 20 and is held from 6:30-9:30 p.m. in the Campus Recreation Center pool. The fee is \$275. Register by Sept. 11 at www.crs.umd.edu via credit card or at the Member Services Desk in the